

APRIL 11, 2022
VIRTUAL

CRITICAL CARE SYMPOSIUM

Featuring Optional Breakout Sessions

ULTRASONOGRAPHY • RESPIRATORY THERAPY



Memorial Sloan Kettering
Cancer Center



OVERVIEW

This one-day virtual symposium is designed to provide a general overview of various critical care and oncology topics including **neuro critical care, simulation in critical care, CAR T therapy, ARDS**, and many more. The morning will include didactic lectures and the afternoon will consist of two optional breakout sessions on ultrasonography and respiratory therapy.

Learning Objectives

- Explain the importance of simulation training in critical care
- Identify common pulmonary infections in immunocompromised patients
- Describe management of immune check point Inhibitor toxicity
- Identify early signs and symptoms of compartment syndrome
- Summarize management of CAR-T cell patients along with identifying common complications
- Define acute lung injury and identify risk factors that contribute to ALI

Who Should Attend

This course is intended for nurse practitioners, physician assistants, nurses, respiratory therapists, physicians and other healthcare professionals interested in critical care.

Live Virtual Format

This live virtual program will be delivered using Zoom. Detailed access and credit instructions will be emailed to attendees prior to the start of the course.



This symposium is endorsed by the **The Nurse Practitioner Association (NPA)**. A registration discount available for active NPA members; please email cme@mskcc.org for details.

BREAKOUT SESSIONS (OPTIONAL)

➤ **ULTRASONOGRAPHY**

Point of care ultrasound is now an indispensable tool for emergency and critical care providers. This breakout session is aimed at helping providers gain a foundational understanding of point of care ultrasonography and interpret ultrasound images.

Learning Objectives

- Summarize the basic indications of point of care ultrasonography
- Understand the basic principles of neuro, vascular, thoracic and cardiac point of care ultrasonography

➤ **RESPIRATORY THERAPY**

Respiratory care is at the mainstay of modern critical care medicine. Our breakout session is aimed at helping providers gain knowledge in various ventilator modes and other modalities such as bronchoscopy, HFNC, and noninvasive ventilation.

Learning Objectives

- Describe common modes of ventilation, frequently used ventilator settings, and troubleshooting
- Discuss the basic principles and strategies to improve ventilation and oxygenation in critically ill patients

MSK COURSE DIRECTORS



Melissa Barzola, MSN, ACNP-BC, CCRN

Associate Director, Critical Care Center
Director of Advanced Practice Providers



Tara Buchholz, ACNP-BC

APP Manager, Intensive Care Unit



Leon Chen, DNP, AGACNP-BC, FCCP, FAANP

Clinical Program Manager, Research and Simulated Learning
APP, Critical Care Center



Neil A. Halpern, MD, MCCM, FCCP, FACP

Director, Critical Care Center
Chief, Critical Care Medicine Service
Medical Director, Respiratory Therapy



Ann Landrove, AGACNP-BC, CCRN

APP, Critical Care Center



Christine Marotta, PA-C

APP, Critical Care Center

MSK COURSE PLANNING COMMITTEE



Leslie Vanessa Clermont, BS, RRT

Respiratory Therapy Manager



Michelle Rausen, MS, RRT, RRT-NPS

Technical Director, Respiratory Therapy



Robin Szymkiewicz, BBA, BS, RRT

Education Coordinator, Respiratory Therapy

INVITED COURSE FACULTY

Bryan Boling, DNP, AGANCP-BC, FCCM

Critical Care Medicine
University of Kentucky

Christina Cardy, DNP, APRN, AGACNP-BC

Cardiology
USF Health

Jim Horowitz, MD

Cardiology
New York University

Matt Siuba, DO

Assistant Professor of Medicine and Staff Intensivist
Associate Program Director for Research in the
Critical Care Medicine Fellowship
Cleveland Clinic

MSK COURSE FACULTY

Jade Almendrala, MBA, RRT, RRT-ACCS, RRT-NPS

Respiratory Therapist

Gabriela Bambrick-Santoyo, MD

Department of Medicine

Peter Mead, MD

Attending Physician
Infectious Diseases

Elena Mead, MD

Attending Physician
Critical Care Medicine

Yolanda Bryce, MD

Radiology

Meredith Bartelstein, MD

Assistant Attending
Orthopaedic Surgery

Saira Imran, MD

Attending Physician
Critical Care Medicine

Praba Rajendram, MD

Attending Physician
Critical Care Medicine

Joanna Tomicich, MSN, AGACNP-BC

APP Specialist, Critical Care

All times listed in the course schedule are U.S. Eastern Standard Time

SCHEDULE

7:45 AM

Virtual Course Check-in

8:00 AM

Welcome and Introduction

Tara Buchholz, ACNP-BC

SESSION I

MODERATOR: Christine Marotta, PA-C

8:05 AM

Blood Stream Infections

Peter Mead, MD

8:35 AM

Compartment Syndrome

Meredith Bartelstein, MD

9:00 AM

PERT/PE Lecture

Jim Horowitz, MD

9:25 AM

Pulmonary Infectious Complications in Immunocompromised Patients

Saira Imran, MD

9:50 AM

Acute Limb Ischemia in Cancer Patients

Yolanda Bryce, MD

10:15 AM

Break

SESSION II

MODERATOR: Ann Landrove, AGACNP-BC, CCRN

10:25 AM

CAR T Cell Toxicity in the ICU

Elena Mead, MD

10:55 AM

Don't Be So Demanding: Type II MI

Christina Cardy, DNP, AGACNP-BC

11:20 AM

Low Frequency-High Stake Events: When Dodging the Bullet is Not Enough

Gabriela Bambrick-Santoyo, MD

11:45 AM

Dealing with an Injured Brain: The Basics of Neurocritical Care for the Non-Neuro Critical Care Provider

Bryan Boling, DNP, AGANCP-BC, FCCM

12:10 PM

Management of Immune-related Adverse Events in Critically-III Patients

Prabalini Rajendram, MD

12:35 PM

Driving Pressure in ARDS

Matt Siuba, DO

1:00 PM

Is It Possible to Define an Intensivist? Should Be Easy; It's Not!

Neil A. Halpern, MD, MCCM, FCCP, FACP

1:30 PM

Closing Remarks and Adjourn

Tara Buchholz, ACNP-BC

BREAKOUT SESSIONS

ULTRASONOGRAPHY

MODERATORS:

Leon Chen, DNP, AGACNP-BC, FCCP, FAANP

Joanna Tomicich, MSN, AGACNP-BC

1:35 PM

Welcome and Introduction

Leon Chen, DNP, AGACNP-BC, FCCP, FAANP

1:40 PM

Ultrasound Physics

Elena Mead, MD

2:25 PM

Thoracic Ultrasound

Elena Mead, MD

3:10 PM

Neuro Ultrasound

Bryan Boling, DNP, ACNP-BC, FCCM

3:50 PM

Vascular Ultrasound

Joanna Tomicich, MSN, AGACNP-BC

4:20 PM

Cardiac Ultrasound

Leon Chen, DNP, AGACNP-BC, FCCP, FAANP

5:00 PM

Closing Remarks and Adjourn

Leon Chen, DNP, AGACNP-BC, FCCP, FAANP

RESPIRATORY THERAPY*

MODERATOR:

Leslie Vanessa Clermont, BS, RRT

1:35 PM

Welcome and Introduction

Leslie Vanessa Clermont, BS, RRT

1:40 PM

HFNC Concepts and Application

Robin J. Szymkiewicz, BBA, BS, RRT

2:25 PM

Non-Invasive Ventilation Applications and Concepts

Leslie Vanessa Clermont, BS, RRT

3:10 PM

Break

3:20 PM

ARDS Net Applications and Concepts

Leslie Vanessa Clermont, BS, RRT

4:05 PM

Proning, Face Down Sats Up

Jade Almendrala, MBA, RRT, RRT-ACCS, RRT-NPS

5:00 PM

Closing Remarks and Adjourn

Leslie Vanessa Clermont, BS, RRT

*AARC contact hours available (respiratory breakout only).

REGISTER ONLINE: mskcc.org/criticalcare

Live Virtual Registration Fees

General Registration Fee: **\$100**

Afternoon Breakout Session Add-on (optional): **\$75**

Industry Rate: **\$175**

*Industry professionals may attend MSK CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

Registration Discounts/Promotions

- A discounted rate is available for MSK Alumni and MSK Cancer Alliance members.
- MSK employee registration is complimentary; however, you must complete course registration in order to attend this course.



This symposium is endorsed by the The Nurse Practitioner Association (NPA). Discount available for active NPA members; please email cme@mskcc.org for details.

For additional details on registration, including the MSK CME cancellation policy, please visit the course website: mskcc.org/criticalcare

ACCREDITATION

Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit Designation Statement

Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of **8.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ANCC CNE Statement

Memorial Sloan Kettering Cancer Center - Nursing Professional Development/ Continuing Education is accredited with distinction as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

8.58 NCPD credits will be awarded to participants who attend the program in its entirety and complete a program evaluation. Partial credit not awarded.

AARC Contact Hours (respiratory therapy breakout only)

This course has been approved for 4.00 contact hour(s) Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care, 9425 N. MacArthur Blvd. Suite 100 Irving TX 75063. Course #184643000.



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